

A hypothetical study using fake data to map K10 psychological distress and SOFAS functioning measures toAQoL-6D health utility using data from a sample of young people presenting to primary mental health services

Supplementary Material

Alejandra R Scienceace^{1,2,*}

Fionn S Researchchamp^{3,2}

¹ Awesome University, Shanghai

² August Institution, London

³ Highly Ranked Uni, Montreal

* Correspondence: Alejandra R Scienceace <fake_email@fake_institute.com>

Tables and figures

Table 1: Participant characteristics

		(N = 3998)	
Age	Mean (SD)	17.692	(3.477)
	Median (Q1 Q3)	17.000	(15.000 20.000)
	Min - Max	12.000	25.000
	Missing	0.000	
Gender	Female	2457.000	(61.456%)
	Male	1451.000	(36.293%)
	Other	90.000	(2.251%)
	Missing	0.000	
Aboriginal and torres strait islander	No	3698.000	(92.519%)
	Yes	299.000	(7.481%)
	Missing	1.000	
Culturally and linguistically diverse	No	2881.000	(72.061%)
	Yes	1117.000	(27.939%)
	Missing	0.000	
Employment type	No	2262.000	(57.926%)
	Working casually	940.000	(24.072%)
	Working full-time	309.000	(7.913%)
	Working part-time	394.000	(10.090%)
	Missing	93.000	
In education	No	1514.000	(38.771%)
	Yes	2391.000	(61.229%)
	Missing	93.000	
Education and employment	Not studying or working	782.000	(20.031%)
	Studying and working	910.000	(23.309%)
	Studying only	1480.000	(37.910%)
	Working only	732.000	(18.750%)
	Missing	94.000	
Days unable to perform usual activities	Mean (SD)	9.827	(8.854)
	Median (Q1 Q3)	8.000	(2.000 15.000)
	Min - Max	0.000	28.000
	Missing	1.000	
Days cut back on usual activities	Mean (SD)	5.989	(7.233)
	Median (Q1 Q3)	3.000	(0.000 10.000)
	Min - Max	0.000	28.000
	Missing	3.000	
	Mean (SD)	15.820	(12.465)
	Median (Q1 Q3)	15.000	(4.000 26.000)

Table 2: Candidate predictors distribution parameters and correlations with AQoL-6D utility

		(N = 3998)	<i>p</i>
Kessler Psychological Distress Scale (10 Item) (10-50)	Mean (SD)	28.569	(8.343)
	Missing	2.000	
	Correlation with AQOL-6D	-0.655	0.000
Social and Occupational Functioning Assessment Scale (0-100)	Mean (SD)	64.821	(14.937)
	Missing	700.000	
	Correlation with AQOL-6D	0.191	0.000

Table 3: Estimated coefficients from utility mapping models

Parameter	GLMM - Gaussian distribution and log link					LMM - complementary log log transformation				
	Estimate	SE	CI (95%)	R2	Sigma	Estimate	SE	CI (95%)	R2	Sigma
K10 model				0.438	0.171				0.609	0.480
SD (Intercept)	0.034	0.022	0.001, 0.079			0.304	0.164	0.016, 0.570		
Intercept	0.280	0.015	0.249, 0.310			1.437	0.034	1.370, 1.504		
K10 scaled	-3.297	0.061	-3.419, -3.177			-6.114	0.114	-6.339, -5.890		
SOFAS model				0.082	0.220				0.428	0.570
SD (Intercept)	0.067	0.044	0.003, 0.157			0.443	0.220	0.044, 0.740		
Intercept	-1.048	0.040	-1.129, -0.972			-0.931	0.061	-1.053, -0.810		
SOFAS scaled	0.653	0.060	0.539, 0.771			0.980	0.091	0.802, 1.163		

Note: The K10 and SOFAS parameters were first multiplied by 0.01.

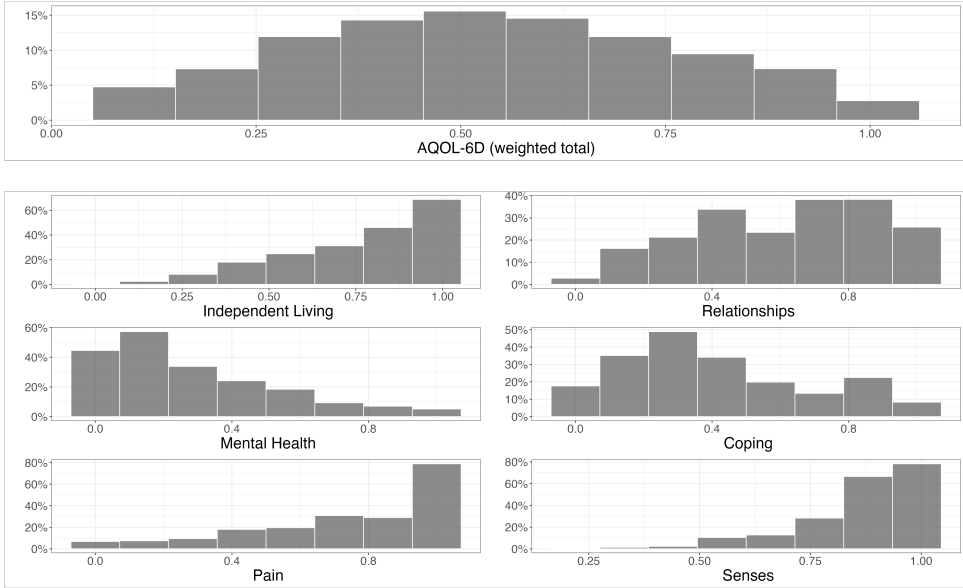


Figure 1: Distribution of AQoL-6D domains

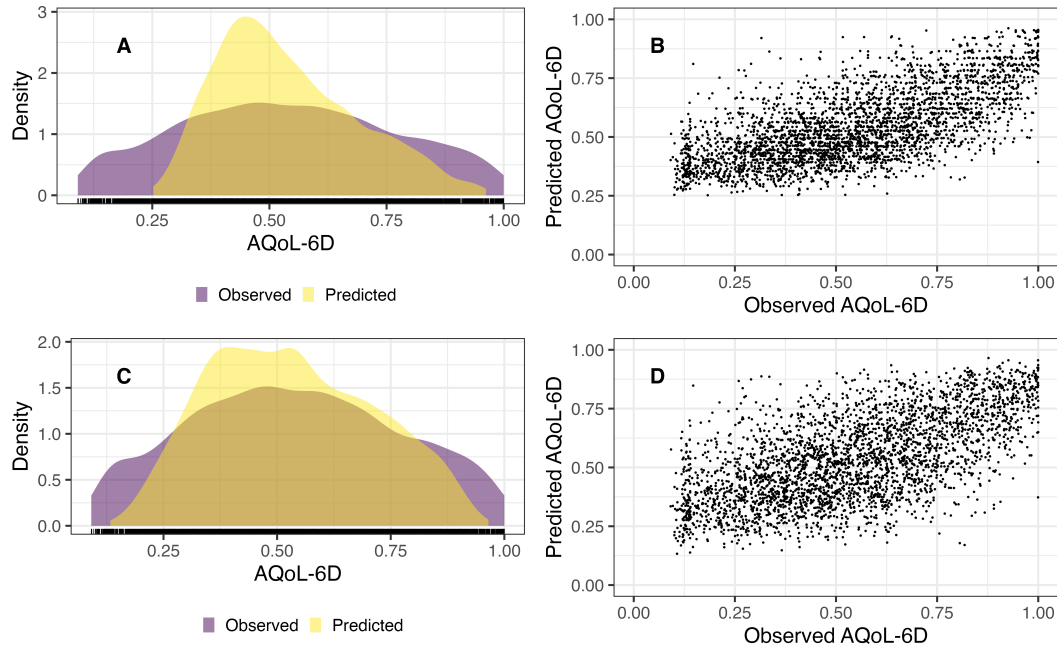


Figure 2: Comparison of observed and predicted AqoL-6D score from longitudinal model using K10 (A) Density plots of observed and predicted utility scores (GLMM (Gaussian distribution and log link)) (B) Scatter plots of observed and predicted utility scores by timepoint (GLMM (Gaussian distribution and log link)) (C) Density plots of observed and predicted results (LMM (complementary log log transformation)) (D) Scatter plots of observed and predicted results by timepoint (LMM (complementary log log transformation))

A Appendix

A.1 Additional tables

Table A.1: 10-fold cross-validated model fitting index for different GLM and OLS models using K10 as predictor with the baseline data

Model	Training model fit			Testing model fit		
	R2	RMSE	MAE	R2	RMSE	MAE
OLS						
No transformation	0.429	0.173	0.141	0.428	0.173	0.141
Complementary log log transformation	0.426	0.174	0.140	0.425	0.174	0.140
Log transformation	0.408	0.176	0.143	0.407	0.176	0.143
Logit transformation	0.392	0.179	0.142	0.390	0.179	0.142
Log log transformation	0.344	0.186	0.146	0.342	0.186	0.146
GLM						
Gaussian distribution and log link	0.433	0.173	0.140	0.432	0.173	0.140
Beta distribution and complementary log log link	0.431	0.173	0.140	0.430	0.173	0.140
Beta distribution and logit link	0.425	0.174	0.141	0.423	0.174	0.141

Results are averaged over ten folds. RMSE: Root Mean Squared Error; MAE: Mean Absolute Error

Table A.2: 10-fold cross-validated model fitting index for different candidate predictors estimated using GLM with Gaussian distribution and log link with the baseline data

Model	Training model fit			Testing model fit		
	R2	RMSE	MAE	R2	RMSE	MAE
K10	0.433	0.173	0.140	0.432	0.173	0.140
SOFAS	0.041	0.225	0.187	0.040	0.225	0.187

Results are averaged over ten folds. RMSE: Root Mean Squared Error; MAE: Mean Absolute Error

Table A.3: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using GLMM (Gaussian distribution and log link)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
K10 cdaysoor model				0.451	1.050
SD (Intercept)	0.322	0.525	0.001, 1.499		
Intercept	0.106	0.264	-0.383, 0.303		
K10 scaled	-2.531	0.725	-3.129, -1.380		
cdaysoor	-0.004	0.003	-0.008, 0.003		
K10 dage model				0.442	0.171
SD (Intercept)	0.038	0.023	0.002, 0.085		
Intercept	0.361	0.027	0.309, 0.414		
K10 scaled	-3.268	0.060	-3.385, -3.152		
dage	-0.005	0.001	-0.008, -0.002		
K10 dgender model				0.440	0.171
SD (Intercept)	0.035	0.022	0.002, 0.080		
Intercept	0.258	0.017	0.225, 0.290		
K10 scaled	-3.262	0.061	-3.379, -3.140		
dgenderMale	0.031	0.010	0.011, 0.051		
dgenderOther	-0.015	0.038	-0.089, 0.058		
K10 dstudyingworking model				0.440	0.171
SD (Intercept)	0.035	0.022	0.001, 0.081		
Intercept	0.237	0.019	0.199, 0.275		
K10 scaled	-3.287	0.062	-3.409, -3.166		
dstudyingworkingBoth	0.065	0.015	0.035, 0.095		
dstudyingworkingStudy	0.044	0.014	0.017, 0.072		
dstudyingworkingWork	0.041	0.017	0.008, 0.073		
K10 cdaysoor 2 GLM GSN LOG				0.477	1.297
SD (Intercept)	0.471	0.577	0.001, 1.585		
Intercept	5.271	6.931	0.335, 17.309		
K10 scaled	-2.002	1.009	-3.087, -0.676		
cdaysoor	0.002	0.018	-0.006, 0.071		
dage	-0.249	0.375	-0.891, -0.004		
K10 cdaysoor 3 GLM GSN LOG				0.464	0.716
SD (Intercept)	1.542	2.537	0.004, 5.936		
Intercept	0.500	0.643	-0.015, 1.825		
K10 scaled	-2.008	1.012	-3.095, -0.675		
cdaysoor	0.003	0.019	-0.006, 0.068		

Table A.3: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using GLMM (Gaussian distribution and log link) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
dgenderMale	-0.367	0.429	-0.989, 0.047		
dgenderOther	0.681	0.709	-0.088, 1.453		
K10 cdaysoor 4 GLM GSN LOG				0.455	0.171
SD (Intercept)	0.841	1.416	0.001, 3.294		
Intercept	-0.158	0.688	-1.945, 0.274		
K10 scaled	-2.362	1.006	-3.123, -0.674		
cdaysoor	0.003	0.020	-0.008, 0.069		
dstudyingworkingBoth	-0.210	0.452	-0.991, 0.082		
dstudyingworkingStudy	0.373	0.556	0.016, 1.325		
dstudyingworkingWork	-0.104	0.262	-0.526, 0.067		
K10 dage 2 GLM GSN LOG				0.441	0.171
SD (Intercept)	0.035	0.022	0.002, 0.081		
Intercept	0.340	0.028	0.285, 0.395		
K10 scaled	-3.230	0.062	-3.351, -3.109		
dage	-0.005	0.001	-0.008, -0.002		
dgenderMale	0.032	0.010	0.012, 0.053		
dgenderOther	-0.005	0.039	-0.084, 0.069		
K10 dage 3 GLM GSN LOG				0.443	0.170
SD (Intercept)	0.036	0.022	0.002, 0.082		
Intercept	0.354	0.033	0.290, 0.420		
K10 scaled	-3.253	0.062	-3.370, -3.131		
dage	-0.007	0.002	-0.010, -0.004		
dstudyingworkingBoth	0.069	0.016	0.039, 0.100		
dstudyingworkingStudy	0.028	0.015	0.000, 0.057		
dstudyingworkingWork	0.057	0.017	0.024, 0.091		
K10 dgender 2 GLM GSN LOG				0.443	0.170
SD (Intercept)	0.037	0.023	0.002, 0.083		
Intercept	0.206	0.021	0.165, 0.247		
K10 scaled	-3.241	0.062	-3.365, -3.119		
dgenderMale	0.038	0.010	0.018, 0.058		
dgenderOther	-0.015	0.038	-0.089, 0.056		
dstudyingworkingBoth	0.071	0.016	0.041, 0.102		
dstudyingworkingStudy	0.049	0.014	0.021, 0.077		
dstudyingworkingWork	0.045	0.017	0.012, 0.078		

Table A.3: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using GLMM (Gaussian distribution and log link) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
SOFAS cdaysoor model				0.264	1.181
SD (Intercept)	0.298	0.415	0.002, 1.218		
Intercept	-0.414	0.470	-0.815, 0.429		
SOFAS scaled	-0.086	0.788	-1.381, 0.578		
cdaysoor	-0.011	0.004	-0.015, -0.001		
SOFAS dage model				0.091	0.219
SD (Intercept)	0.064	0.044	0.003, 0.164		
Intercept	-0.806	0.055	-0.914, -0.700		
SOFAS scaled	0.641	0.058	0.530, 0.757		
dage	-0.013	0.002	-0.018, -0.009		
SOFAS dgender model				0.104	0.218
SD (Intercept)	0.073	0.045	0.003, 0.161		
Intercept	-1.076	0.039	-1.153, -1.001		
SOFAS scaled	0.634	0.058	0.525, 0.747		
dgenderMale	0.109	0.015	0.080, 0.137		
dgenderOther	-0.116	0.059	-0.239, -0.003		
SOFAS dstudyingworking model				0.077	0.221
SD (Intercept)	0.055	0.040	0.002, 0.146		
Intercept	-1.083	0.043	-1.167, -1.000		
SOFAS scaled	0.644	0.061	0.526, 0.763		
dstudyingworkingBoth	0.058	0.023	0.015, 0.102		
dstudyingworkingStudy	0.066	0.021	0.026, 0.107		
dstudyingworkingWork	0.016	0.025	-0.032, 0.065		
SOFAS cdaysoor 2 GLM GSN LOG				0.344	1.207
SD (Intercept)	0.597	0.777	0.002, 1.924		
Intercept	6.578	7.505	-0.605, 17.516		
SOFAS scaled	-0.274	0.796	-1.381, 0.564		
cdaysoor	0.000	0.024	-0.014, 0.076		
dage	-0.343	0.366	-0.898, -0.010		
SOFAS cdaysoor 3 GLM GSN LOG				0.329	0.745
SD (Intercept)	0.713	1.158	0.003, 3.439		
Intercept	0.301	1.356	-0.849, 2.535		
SOFAS scaled	-0.273	0.792	-1.375, 0.564		
cdaysoor	-0.009	0.012	-0.013, -0.002		

Table A.3: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using GLMM (Gaussian distribution and log link) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
dgenderMale	-0.338	0.460	-0.989, 0.117		
dgenderOther	0.638	0.758	-0.212, 1.463		
SOFAS cdaysoor 4 GLM GSN LOG				0.262	0.198
SD (Intercept)	0.860	1.427	0.002, 3.332		
Intercept	-0.935	0.377	-1.961, -0.643		
SOFAS scaled	0.187	0.516	-0.673, 0.589		
cdaysoor	0.004	0.032	-0.014, 0.085		
dstudyingworkingBoth	-0.237	0.437	-0.991, 0.059		
dstudyingworkingStudy	0.365	0.556	0.004, 1.324		
dstudyingworkingWork	-0.154	0.224	-0.527, 0.016		
SOFAS dage 2 GLM GSN LOG				0.114	0.217
SD (Intercept)	0.070	0.044	0.003, 0.155		
Intercept	-0.825	0.054	-0.934, -0.720		
SOFAS scaled	0.619	0.058	0.507, 0.734		
dage	-0.014	0.002	-0.018, -0.010		
dgenderMale	0.114	0.014	0.085, 0.142		
dgenderOther	-0.089	0.058	-0.205, 0.021		
SOFAS dage 3 GLM GSN LOG				0.092	0.219
SD (Intercept)	0.063	0.041	0.003, 0.149		
Intercept	-0.813	0.063	-0.939, -0.686		
SOFAS scaled	0.622	0.060	0.506, 0.740		
dage	-0.014	0.002	-0.019, -0.009		
dstudyingworkingBoth	0.061	0.022	0.018, 0.106		
dstudyingworkingStudy	0.034	0.021	-0.006, 0.076		
dstudyingworkingWork	0.046	0.025	-0.003, 0.095		
SOFAS dgender 2 GLM GSN LOG				0.105	0.218
SD (Intercept)	0.066	0.044	0.003, 0.158		
Intercept	-1.121	0.042	-1.204, -1.040		
SOFAS scaled	0.617	0.058	0.503, 0.731		
dgenderMale	0.116	0.015	0.087, 0.146		
dgenderOther	-0.114	0.060	-0.236, -0.001		
dstudyingworkingBoth	0.078	0.023	0.035, 0.123		
dstudyingworkingStudy	0.081	0.021	0.041, 0.121		
dstudyingworkingWork	0.030	0.024	-0.018, 0.077		

Table A.3: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using GLMM (Gaussian distribution and log link) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
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Note: The K10 and SOFAS parameters were first multiplied by 0.01.

Table A.4: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using LMM (complementary log log transformation)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
K10 cdaysoor model				0.625	0.470
SD (Intercept)	0.307	0.156	0.024, 0.543		
Intercept	1.437	0.033	1.373, 1.502		
K10 scaled	-5.619	0.120	-5.854, -5.381		
cdaysoor	-0.009	0.001	-0.011, -0.007		
K10 dage model				0.588	0.498
SD (Intercept)	0.277	0.164	0.013, 0.517		
Intercept	1.682	0.056	1.571, 1.795		
K10 scaled	-6.063	0.114	-6.285, -5.840		
dage	-0.015	0.003	-0.020, -0.009		
K10 dgender model				0.611	0.482
SD (Intercept)	0.310	0.151	0.020, 0.552		
Intercept	1.391	0.037	1.318, 1.461		
K10 scaled	-6.042	0.117	-6.269, -5.807		
dgenderMale	0.071	0.020	0.032, 0.112		
dgenderOther	-0.032	0.064	-0.158, 0.095		
K10 dstudyingworking model				0.754	0.365
SD (Intercept)	0.428	0.156	0.025, 0.586		
Intercept	1.350	0.039	1.273, 1.429		
K10 scaled	-6.111	0.114	-6.337, -5.888		
dstudyingworkingBoth	0.143	0.029	0.087, 0.198		
dstudyingworkingStudy	0.092	0.026	0.042, 0.143		
dstudyingworkingWork	0.088	0.030	0.030, 0.149		
K10 cdaysoor 2 OLS CLL				0.561	0.518
SD (Intercept)	0.236	0.140	0.013, 0.490		
Intercept	1.708	0.056	1.598, 1.818		
K10 scaled	-5.547	0.122	-5.786, -5.306		
cdaysoor	-0.009	0.001	-0.011, -0.008		
dage	-0.016	0.003	-0.022, -0.011		
K10 cdaysoor 3 OLS CLL				0.630	0.470
SD (Intercept)	0.317	0.142	0.032, 0.519		
Intercept	1.390	0.036	1.321, 1.461		
K10 scaled	-5.544	0.123	-5.783, -5.302		
cdaysoor	-0.009	0.001	-0.011, -0.007		

Table A.4: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using LMM (complementary log log transformation) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
dgenderMale	0.074	0.020	0.034, 0.114		
dgenderOther	-0.042	0.064	-0.168, 0.084		
K10 cdaysoor 4 OLS CLL				0.605	0.488
SD (Intercept)	0.287	0.149	0.019, 0.516		
Intercept	1.369	0.039	1.293, 1.445		
K10 scaled	-5.632	0.123	-5.872, -5.393		
cdaysoor	-0.009	0.001	-0.010, -0.007		
dstudyingworkingBoth	0.109	0.029	0.052, 0.163		
dstudyingworkingStudy	0.081	0.026	0.031, 0.132		
dstudyingworkingWork	0.052	0.030	-0.007, 0.111		
K10 dage 2 OLS CLL				0.715	0.400
SD (Intercept)	0.395	0.161	0.042, 0.573		
Intercept	1.641	0.058	1.528, 1.755		
K10 scaled	-5.994	0.116	-6.222, -5.766		
dage	-0.015	0.003	-0.020, -0.010		
dgenderMale	0.077	0.020	0.037, 0.114		
dgenderOther	-0.006	0.065	-0.129, 0.119		
K10 dage 3 OLS CLL				0.640	0.457
SD (Intercept)	0.314	0.186	0.012, 0.539		
Intercept	1.687	0.067	1.555, 1.818		
K10 scaled	-6.053	0.116	-6.282, -5.824		
dage	-0.019	0.003	-0.026, -0.013		
dstudyingworkingBoth	0.146	0.030	0.087, 0.203		
dstudyingworkingStudy	0.045	0.028	-0.010, 0.099		
dstudyingworkingWork	0.128	0.032	0.066, 0.191		
K10 dgender 2 OLS CLL				0.568	0.512
SD (Intercept)	0.264	0.142	0.016, 0.509		
Intercept	1.287	0.042	1.203, 1.369		
K10 scaled	-6.026	0.117	-6.253, -5.797		
dgenderMale	0.085	0.020	0.046, 0.125		
dgenderOther	-0.029	0.064	-0.151, 0.097		
dstudyingworkingBoth	0.156	0.030	0.099, 0.214		
dstudyingworkingStudy	0.103	0.027	0.050, 0.156		
dstudyingworkingWork	0.098	0.031	0.037, 0.160		

Table A.4: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using LMM (complementary log log transformation) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
SOFAS cdaysoor model				0.547	0.514
SD (Intercept)	0.465	0.181	0.044, 0.673		
Intercept	-0.464	0.060	-0.583, -0.344		
SOFAS scaled	0.777	0.085	0.610, 0.944		
cdaysoor	-0.021	0.001	-0.023, -0.019		
SOFAS dage model				0.523	0.506
SD (Intercept)	0.488	0.242	0.019, 0.759		
Intercept	-0.462	0.091	-0.643, -0.286		
SOFAS scaled	0.962	0.089	0.788, 1.137		
dage	-0.026	0.004	-0.033, -0.019		
SOFAS dgender model				0.290	0.655
SD (Intercept)	0.328	0.200	0.013, 0.668		
Intercept	-0.995	0.061	-1.115, -0.876		
SOFAS scaled	0.967	0.090	0.789, 1.145		
dgenderMale	0.210	0.028	0.155, 0.264		
dgenderOther	-0.204	0.094	-0.388, -0.019		
SOFAS dstudyingworking model				0.616	0.463
SD (Intercept)	0.576	0.170	0.118, 0.745		
Intercept	-0.999	0.065	-1.127, -0.871		
SOFAS scaled	0.961	0.091	0.784, 1.140		
dstudyingworkingBoth	0.123	0.042	0.042, 0.206		
dstudyingworkingStudy	0.120	0.037	0.048, 0.195		
dstudyingworkingWork	0.042	0.044	-0.042, 0.130		
SOFAS cdaysoor 2 OLS CLL				0.541	0.499
SD (Intercept)	0.435	0.218	0.032, 0.710		
Intercept	0.029	0.092	-0.149, 0.210		
SOFAS scaled	0.751	0.087	0.577, 0.922		
cdaysoor	-0.021	0.001	-0.023, -0.019		
dage	-0.027	0.004	-0.034, -0.020		
SOFAS cdaysoor 3 OLS CLL				0.564	0.458
SD (Intercept)	0.427	0.261	0.007, 0.724		
Intercept	-0.524	0.062	-0.642, -0.403		
SOFAS scaled	0.760	0.087	0.587, 0.930		
cdaysoor	-0.021	0.001	-0.023, -0.019		

Table A.4: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using LMM (complementary log log transformation) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
dgenderMale	0.193	0.026	0.142, 0.243		
dgenderOther	-0.198	0.091	-0.373, -0.020		
SOFAS cdaysoor 4 OLS CLL				0.622	0.455
SD (Intercept)	0.513	0.179	0.075, 0.719		
Intercept	-0.490	0.066	-0.617, -0.363		
SOFAS scaled	0.771	0.085	0.605, 0.939		
cdaysoor	-0.021	0.001	-0.023, -0.019		
dstudyingworkingBoth	0.039	0.039	-0.039, 0.115		
dstudyingworkingStudy	0.084	0.035	0.014, 0.153		
dstudyingworkingWork	-0.053	0.042	-0.136, 0.030		
SOFAS dage 2 OLS CLL				0.515	0.513
SD (Intercept)	0.483	0.215	0.035, 0.756		
Intercept	-0.518	0.091	-0.695, -0.339		
SOFAS scaled	0.945	0.089	0.772, 1.118		
dage	-0.026	0.004	-0.034, -0.019		
dgenderMale	0.215	0.028	0.162, 0.270		
dgenderOther	-0.157	0.094	-0.341, 0.022		
SOFAS dage 3 OLS CLL				0.442	0.557
SD (Intercept)	0.443	0.218	0.038, 0.758		
Intercept	-0.466	0.108	-0.667, -0.254		
SOFAS scaled	0.933	0.089	0.762, 1.114		
dage	-0.028	0.005	-0.038, -0.019		
dstudyingworkingBoth	0.125	0.041	0.047, 0.207		
dstudyingworkingStudy	0.050	0.039	-0.021, 0.127		
dstudyingworkingWork	0.098	0.047	0.007, 0.186		
SOFAS dgender 2 OLS CLL				0.500	0.537
SD (Intercept)	0.481	0.209	0.031, 0.718		
Intercept	-1.087	0.065	-1.215, -0.960		
SOFAS scaled	0.940	0.091	0.763, 1.118		
dgenderMale	0.224	0.029	0.167, 0.278		
dgenderOther	-0.196	0.096	-0.385, -0.009		
dstudyingworkingBoth	0.159	0.041	0.078, 0.240		
dstudyingworkingStudy	0.148	0.037	0.076, 0.218		
dstudyingworkingWork	0.070	0.043	-0.013, 0.156		

Table A.4: Estimated coefficients from utility mapping models based on individual candidate predictors with days out of role, age and gender and education and employment using LMM (complementary log log transformation) (*continued*)

Parameter	Estimate	SE	CI (95%)	R2	Sigma
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Note: The K10 and SOFAS parameters were first multiplied by 0.01.